

Title (en)
Spectrum analysers.

Title (de)
Spektralanalysator.

Title (fr)
Analyseur de spectre.

Publication
EP 0343906 A2 19891129 (EN)

Application
EP 89305166 A 19890522

Priority
JP 12668088 A 19880524

Abstract (en)
In a spectrum analyser, an input signal applied to an input terminal (1) is divided by a filter circuit (2) into a plurality of frequency bands, the signal level of each of the divided frequency bands is detected, and the signal levels of frequency bands situated between the divided frequency bands are calculated, for example by arithmetic operating circuits (10A to 10I), from the detected signal levels of the divided frequency bands adjacent thereto. The detected signal levels of the divided frequency bands and the calculated signal levels of the frequency bands between the divided frequency bands are all displayed, for example as respective bar graphs (I1 to I19) on a display device (7), so that the frequency characteristic of the input signal can be readily observed.

IPC 1-7
G01R 23/16; **G01R 23/165**; **H03G 5/02**

IPC 8 full level
G01R 13/40 (2006.01); **G01R 23/165** (2006.01)

CPC (source: EP US)
G01R 13/407 (2013.01 - EP US); **G01R 23/165** (2013.01 - EP US)

Cited by
DE102006047994A1; EP0919819A1; EP1538570A3; EP1720248A1; EP1109027A1; GB2357205A; GB2357205B; US8228331B2; US7298206B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0343906 A2 19891129; **EP 0343906 A3 19901227**; **EP 0343906 B1 19940302**; DE 68913350 D1 19940407; DE 68913350 T2 19940601; JP H01296169 A 19891129; US 4973897 A 19901127

DOCDB simple family (application)
EP 89305166 A 19890522; DE 68913350 T 19890522; JP 12668088 A 19880524; US 35348789 A 19890518